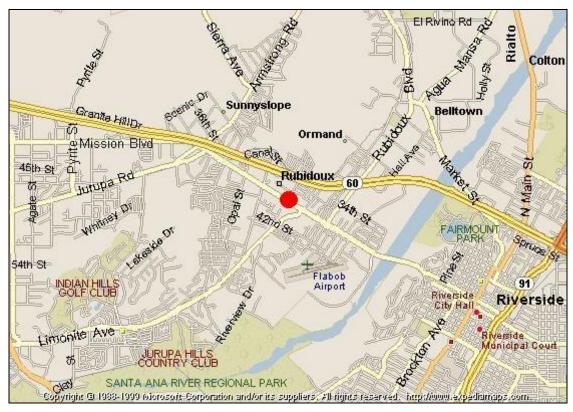
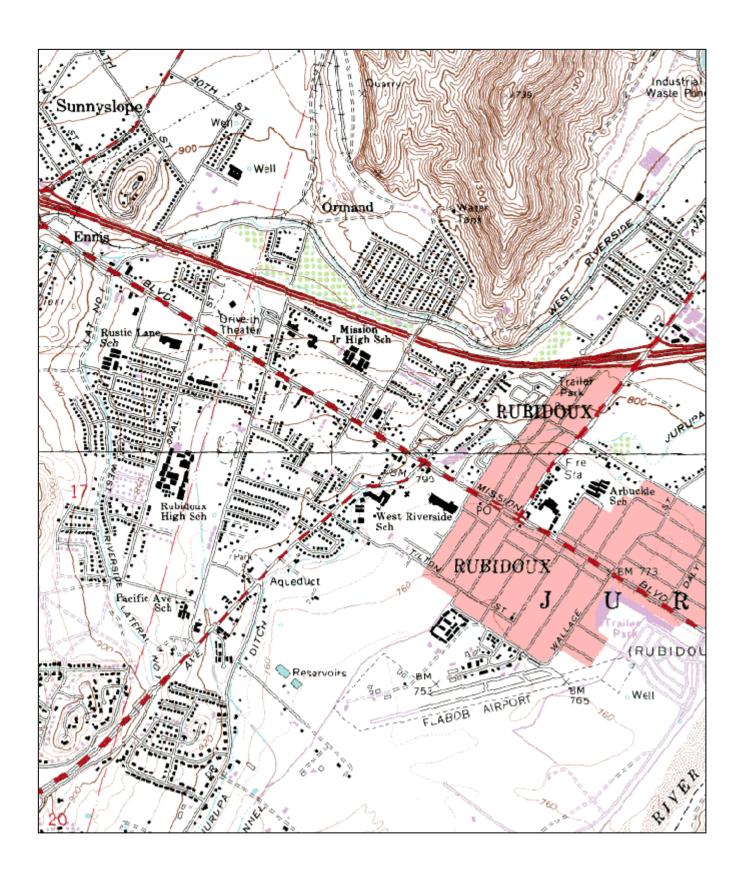
South Coast AQMD Site Survey Report for Rubidoux

Last updated: May 10, 2021



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060658001	33144	09/1972	South Coast AQMD (0972)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
5888 Mission Blvd. Riverside, CA 92509	Riverside	South Coast	33° 59' 58"N	117° 24' 57"W	248



Detailed Site Information

Local site name	Rubido		ζ				
AQS ID		06065800	01				
GPS coordinates (decin	nal degrees)		Latitude: 33° 59' 58" Longitude: 117° 24' 57"				
Street Address			ssion Blvd., Riverside, CA				
County		Riverside	<u> </u>				
Distance to roadways (r	meters)	119; 686					
Traffic count (AADT, y			2012; 60/Valley Way, 14:	5,000, 2011			
Groundcover	,	Gravel	· • • • • • • • • • • • • • • • • • • •				
(e.g. asphalt, dirt, sand)							
Representative statistica	al area name	40140-Ri	verside-San Bernardino-	Ontario, CA MSA			
(i.e. MSA, CBSA, other	r)						
Pollutant, POC	Carbon Mon	oxide, 1	Nitrogen Dioxide, 2	Ozone, 1	Nitrogen Dioxide, 3		
Primary / QA	N/A		N/A	N/A	N/A		
Collocated / Other							
Parameter code	42101		42602	44201	42602		
Basic monitoring	NAAQS		NAAQS	NAAQS	NAAQS		
objective(s)							
Site type(s)	Population E	Exposure	Population Exposure	Highest	Highest		
		•		Concentration	Concentration		
Monitor (type)	SLAMS		SLAMS	SLAMS	SLAMS		
Network affiliation	PAMS/NAT	ΓS/NCore	PAMS/NATTS/NCore	PAMS/NATTS/NCore	PAMS/NCORE		
Instrument	Horiba APM	IA 370	Thermo 42i	Thermo 49i	Teledyne T500U		
manufacturer and							
model							
Method code	158		074	047	212		
FRM/FEM/ARM/	FRM		FRM	FEM	FEM		
other							
Collecting Agency	South Coast	AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD		
Analytical Lab (i.e.,	N/A		N/A	N/A	N/A		
weigh lab, toxics lab,							
other)							
Reporting Agency	South Coast	AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD		
Spatial scale (e.g.	Neighborhoo	od	Urban	Urban	Neighborhood		
micro, neighborhood)							
Monitoring start date	09/1972		09/1972	09/1972	06/01/2019		
(MM/DD/YYYY)							
Current sampling	1:1		1:1	1:1	Continuous		
frequency (e.g.1:3,							
continuous)							
Calculated sampling	N/A		N/A	N/A	N/A		
frequency							
(e.g. 1:3/1:1)							
Sampling season	01/01-12/31		01/01-12/31	01/01-12/31	01/01-12/31		
(MM/DD-MM/DD)							
Probe height (meters)	4.0		4.0	4.0	4.0		
Distance from	1.52		1.52	1.52	1.52		
supporting structure	Roof itself is		Roof itself is	Roof itself is	Roof itself is		
(meters)	supporting s	tructure.	supporting structure.	supporting structure.	supporting structure.		
Distance from	N/A		N/A	N/A	N/A		
obstructions on roof							
(meters)							

Distance from	N/A	N/A	N/A	N/A
obstructions not on roof (meters)				
Distance from trees	N/A	N/A	N/A	N/A
(meters)	11/11	11/11	11/11	11/11
Distance to furnace or	N/A	N/A	N/A	N/A
incinerator flue				
(meters)	NT/A	NT/A	NT/A	NY/A
Distance between collocated monitors	N/A	N/A	N/A	N/A
(meters)				
Unrestricted airflow	360°	360°	360°	360°
(degrees)				
Probe material for	Teflon	Teflon	Teflon	Teflon
reactive gases				
(e.g. Pyrex, stainless				
steel, Teflon) Residence time for	6.9	13.1	8.4	8.1
reactive gases	0.7	13.1	0.4	0.1
(seconds)				
Will there be changes	No	No	No	No
within the next 18				
months? (Y/N)	27/4	27/4	37/4	27/1
Is it suitable for	N/A	N/A	N/A	N/A
comparison against the annual PM2.5?				
(Y/N)				
Frequency of flow	N/A	N/A	N/A	N/A
rate verification for				
manual PM samplers	27/1	27/1	27//	221
Frequency of flow rate verification for	N/A	N/A	N/A	N/A
automated PM				
analyzers				
Frequency of one-	Nightly	Nightly	Nightly	Nightly
point QC check for				
gaseous instruments				
Last Annual	03/23/2020	03/23/2020	03/23/2020	03/24/2020
Performance Evaluation for				
gaseous parameters				
(MM/DD/YYYY)				
Last two semi-annual	N/A	N/A	N/A	N/A
flow rate audits for				
PM monitors				
(MM/DD/YYYY, MM/DD/YYYY)				
IVIIVI/DD/IIII)	<u> </u>			

Pollutant, POC	Continuous PM2.5, PM Coarse, 9	Continuous PM10, PM Coarse, 9	Continuous PM10, PM10 FEM, 9	Carbonyls, 4
Primary / QA Collocated / Other	Other	Other	Other	N/A
Parameter code	88101	85101	81102	PAMS priority compounds
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	Research support
Site type(s)	Highest Concentration	Highest Concentration	Highest Concentration	Highest Concentration
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation	N/A	N/A	N/A	NATTS
Instrument manufacturer and model	Met One BAM 1020	Met One BAM 1020	Met One BAM 1020	Atec 8000
Method code	170	122	122	179
FRM/FEM/ARM/ other	FEM	FEM	FEM	Other
Collecting Agency Analytical Lab (i.e., weigh lab, toxics lab, other)	South Coast AQMD N/A	South Coast AQMD N/A	South Coast AQMD N/A	South Coast AQMD South Coast AQMD
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood Neighborhood
Monitoring start date (MM/DD/YYYY)	12/2008	07/30/2011	0	04/03/2018
Current sampling frequency (e.g.1:3, continuous)	1:1	1:1	1:1	1:6
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	N/A	N/A	No CFR mandated sampling schedule.
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	4	4	4	4
Distance from supporting structure (meters)	2	2	2	1 *Roof itself is supporting structure.
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	N/A	N/A	N/A	10
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	1(Flow <200 lpm)	4	4	4

Unrestricted airflow (degrees)	360°	360°	360°	360°
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A	N/A	Stainless steel
Residence time for reactive gases (seconds)	N/A	N/A	N/A	8.3
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	No, unless the manual sampler has missing data.	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers	N/A	N/A	N/A	N/A
Frequency of flow rate verification for automated PM analyzers	Monthly	Monthly	Monthly	N/A
Frequency of one- point QC check for gaseous instruments	N/A	N/A	N/A	Semi Annually
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	05/13/2020 10/14/2020	05/13/2020 10/14/2020	New 2021	09/28/2020 The first of two semiannual flow rate audits were not completed due to COVID-19.

Pollutant, POC	24 Hour VOCs, 4	24 Hour VOCs, N/A	Carbonyls, 13	Hourly VOCs, 11
Primary / QA	N/A	QA Collocated	N/A	N/A
Collocated / Other				
Parameter code	PAMS priority	PAMS priority	PAMS priority	PAMS Priority
	compounds	compounds	compounds	
Basic monitoring	NAAQS/Research	Research support	Research support	NAAQS
objective(s)	Support			
Site type(s)	Highest	Highest	Highest	Highest
	Concentration	Concentration	Concentration	Concentration
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation	NATTS	NATTS	PAMS	PAMS
Instrument	RM Env. 910	RM Env. 910	Atec 8000	Agilent Markes
manufacturer and				
model	110	110	170	227
Method code	110	110	179	227
FRM/FEM/ARM/	Other	Other	Other	Other
other	G 4 G (AOM)	G 4 G 4 AOM	G 4 G 4 AOMD	G 4 G 4 AOM
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Analytical Lab (i.e.,	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
weigh lab, toxics lab,				
other) Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Spatial scale (e.g.	Neighborhood	Neighborhood	Neighborhood	Neighborhood
micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date	09/2007	07/2009	04/03/2018	06/01/2019
(MM/DD/YYYY)	09/2007	07/2009	04/03/2018	00/01/2019
Current sampling	1:6	1:Every other month	Intensive PAMS	1:1 Intensive PAMS
frequency (e.g.1:3,	1.0	1.Every other month	3 Day x 3 x 8 hour	1.1 Intensive I AIVIS
continuous)			J Day X J X 6 Hour	
Calculated sampling	N/A	N/A	No CFR mandated	No CFR mandated
frequency	1,712	1,712	sampling schedule.	sampling schedule.
(e.g. 1:3/1:1)			samping senegate.	samping senegate.
Sampling season	01/01-12/31	01/01-12/31	05/01-09/30	05/01-09/30
(MM/DD-MM/DD)				
Probe height (meters)	4	4	4	3.0
Distance from	1	1	1	2.0
supporting structure	*Roof itself is	*Roof itself is	*Roof itself is	
(meters)	supporting structure.	supporting structure.	supporting structure.	
Distance from	N/A	N/A	N/A	N/A
obstructions on roof				
(meters)				
Distance from	N/A	N/A	N/A	N/A
obstructions not on				
roof (meters)				
Distance from trees	N/A	N/A	N/A	N/A
(meters)				
Distance to furnace or	N/A	N/A	N/A	N/A
incinerator flue				
(meters)				
Distance between	1 (Flow <200 lpm)	N/A	N/A	N/A
collocated monitors				
(meters)				
Unrestricted airflow	360°	360°	360°	360
(degrees)				

Probe material for	Stainless steel	Stainless steel	Stainless steel	Pyrex, Stainless steel
reactive gases				J • ,
(e.g. Pyrex, stainless				
steel, Teflon)				
Residence time for	8.4	8.3	8.3	10
reactive gases				
(seconds)				
Will there be changes	No	No	No	No
within the next 18				
months? (Y/N)	27/4	27/4	27/4	27/4
Is it suitable for	N/A	N/A	N/A	N/A
comparison against the annual PM2.5?				
(Y/N)				
Frequency of flow	N/A	N/A	N/A	N/A
rate verification PM	1071	1771	1 1/11	1 1/11
samplers				
Frequency of flow	N/A	N/A	N/A	N/A
rate verification for				
automated PM				
analyzers				
Frequency of one-	Semi Annually	Semi Annually	Semi Annually	N/A
point QC check for				
gaseous instruments			27/1	
Last Annual	N/A	N/A	N/A	N/A
Performance Evaluation for				
gaseous parameters				
(MM/DD/YYYY)				
Last two semi-annual	09/28/2020	09/28/2020	09/28/2020	N/A
flow rate audits for	The first of two semi-	The first of two semi-	The first of two semi-	14/11
PM monitors	annual flow rate	annual flow rate	annual flow rate	
(MM/DD/YYYY,	audits were not	audits were not	audits were not	
MM/DD/YYYY)	completed due to	completed due to	completed due to	
	COVID-19.	COVID-19.	COVID-19.	

Pollutant, POC	VOCs, 5	24 Hour PM2.5, 2	24 Hour PM2.5, 1	Speciated PM2.5, 11
Primary / QA	N/A	QA Collocated	Primary	Primary
Collocated / Other				
Parameter code	N/A	88101	88101	88502
Basic monitoring objective(s)	Research support	NAAQS	NAAQS	NAAQS
Site type(s)	Highest	Highest	Highest	Highest
Jr (c)	Concentration	Concentration	Concentration	Concentration
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network Affiliation	N/A	N/A	N/A	N/A
Instrument	Xontech 910	Thermo 2025i	Thermo 2025i	Met One SASS
manufacturer and		PM2.5, B Sampler	PM2.5, A Sampler	
model		QA Collocated		
Method code	N/A	145	145	810
FRM/FEM/ARM/	Other	FRM	FRM	Other
other				
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Analytical Lab (i.e.,	ARB Toxics	South Coast AQMD	South Coast AQMD	South Coast AQMD
weigh lab, toxics lab,				
other)				
Reporting Agency	ARB	South Coast AQMD	South Coast AQMD	South Coast AQMD
Spatial scale (e.g.	Neighborhood	Neighborhood	Neighborhood	Neighborhood
micro, neighborhood)				
Monitoring start date	01/1989	01/03/1999	12/04/1998	10/13/2004
(MM/DD/YYYY)				
Current sampling	1:12	1:6	1:1	1:6
frequency (e.g.1:3,				
continuous)	27/1	1 2	1.0	N. CER. 1. 1
Calculated sampling	N/A	1:6	1:3	No CFR mandated
frequency				sampling schedule.
(e.g. 1:3/1:1)	01/01 12/21	01/01 12/21	01/01 12/21	01/01 12/21
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	4	4.0	4.0	3
Distance from	1.0	2.0	2.0	2.0
supporting structure	*Roof itself is			
(meters)	supporting structure.			
Distance from	N/A	N/A	N/A	N/A
obstructions on roof				
(meters)	NT/A	NT/A	NT/A	NT/A
Distance from obstructions not on	N/A	N/A	N/A	N/A
roof (meters)				
` ′	NT/A	10	10	10
Distance from trees	N/A	10	10	10
(meters) Distance to furnace or	N/A	N/A	N/A	N/A
incinerator flue	11/71	1 V/A	1 V/A	1 V/A
(meters)				
Distance between	N/A	1.5(Flow <200 lpm)	1.5(Flow <200 lpm)	2
collocated monitors	11//1	1.5(1 10w \200 ipiii)	1.5(110W \200 ipili)	
(meters)				
Unrestricted airflow	360°	360°	360°	360°
(degrees)				

D 1 16	G. 1 1 1	DT/A	NT/A	37/4
Probe material for	Stainless steel	N/A	N/A	N/A
reactive gases				
(e.g. Pyrex, stainless				
steel, Teflon)				
Residence time for	N/A	N/A	N/A	N/A
reactive gases				
(seconds)				
Will there be changes	No	No	No	No
within the next 18				
months? (Y/N)				
Is it suitable for	N/A	Yes	Yes	N/A
comparison against				
the annual PM2.5?				
(Y/N)				
Frequency of flow	N/A	Monthly	Monthly	Monthly
rate verification for		·	·	
manual PM samplers				
Frequency of flow	N/A	N/A	N/A	N/A
rate verification for				
automated PM				
analyzers				
Frequency of one-	Semi Annually	N/A	N/A	N/A
point QC check for				
gaseous instruments				
Last Annual	N/A	N/A	N/A	N/A
Performance				
Evaluation for				
gaseous parameters				
(MM/DD/YYYY)				
Last two semi-annual	N/A	06/12/2020	06/08/2020	09/28/2020
flow rate audits for	ARB	11/18/2020	11/18/2020	The first of two semi-
PM monitors		11, 10, 2020	11,10,2020	annual flow rate
(MM/DD/YYYY,				audits were not
MM/DD/YYYY)				completed due to
				COVID-19.
				COVID 17.

Pollutant, POC	Speciated PM2.5, N/A	Speciated PM2.5, N/A	PM2.5 Carbon, N/A	PM2.5 Carbon, N/A
Primary / QA Collocated / Other	Primary	QA Collocated	Primary	QA Collocated
Parameter code	N/A	N/A	N/A	N/A
Basic monitoring	NAAQS	NAAQS	NAAQS	NAAQS
objective(s)				
Site type(s)	Highest	Highest	Highest	Highest
	Concentration	Concentration	Concentration	Concentration
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation	STN	STN	STN	STN
Instrument	Met One SASS,	Met One SASS,	URG-3000N,	URG-3000N,
manufacturer and	A Sampler	B Sampler	A Sampler	B Sampler
model Mathaulauda	NT/A	NT/A	NT/A	NT/A
Method code	N/A	N/A	N/A	N/A
FRM/FEM/ARM/	Other	Other	Other	Other
other Collecting Agency	South Coast AOMD	South Coast AOMD	South Coast AOMD	South Coast AOMD
Analytical Lab (i.e.,	South Coast AQMD EPA STN			
weigh lab, toxics lab, other)	EFASIN	EFASIN	EFASIN	EFASIN
Reporting Agency	EPA	EPA	EPA	EPA
Spatial scale (e.g.	Neighborhood	Neighborhood	Neighborhood	Neighborhood
micro, neighborhood)		8		
Monitoring start date (MM/DD/YYYY)	03/2001	03/2001	05/2007	05/2007
Current sampling frequency (e.g.1:3, continuous)	1:3	1:6	1:3	1:6
Calculated sampling frequency (e.g. 1:3/1:1)	1:3	1:6	1:3	1:6
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	3.0	3.0	3.0	3.0
Distance from supporting structure (meters)	2.0	2.0	2.0	2.0
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	N/A	N/A	N/A	N/A
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	1.5(Flow <200 lpm)	1.5(Flow <200 lpm)	1.5(Flow <200 lpm)	1.5(Flow <200 lpm)
Unrestricted airflow (degrees)	360°	360°	360°	360°

Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A	N/A	N/A
Residence time for reactive gases (seconds)	N/A	N/A	N/A	N/A
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers	Monthly	Monthly	Monthly	Monthly
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	N/A
Frequency of one- point QC check for gaseous instruments	N/A	N/A	N/A	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	09/28/2020 The first of two semiannual flow rate audits were not completed due to COVID-19.	09/28/2020 The first of two semiannual flow rate audits were not completed due to COVID-19.	The semi-annual flow rate audits were not completed due to COVID-19.	The semi-annual flow rate audits were not completed due to COVID-19.

Pollutant, POC	Lead, 2	PM10, 2	PM10, 4	Metals, CR6, 4
Primary / QA	Primary	Primary	QA Collocated	Primary
Collocated / Other				
Parameter code	14129	81102	81102	12115
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS
Site type(s)	Population Exposure	Highest	Highest	Highest
71 ()		Concentration	Concentration	Concentration
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation	NATTS	N/A	N/A	NATTS
Instrument manufacturer and model	GMW 1200 TSP	Tisch TE-6001	Tisch TE-6001	RM Env. 924, A Sampler
Method code	110	063	063	920
FRM/FEM/ARM/	FRM	FRM	FRM	Other
other	LVI	FKIVI	LVI	Other
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Analytical Lab (i.e., weigh lab, toxics lab, other)	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	09/06/1990	01/01/1988	01/01/1988	01/2007
Current sampling frequency (e.g.1:3, continuous)	1:6	1:3	1:6	1:6
Calculated sampling frequency (e.g. 1:3/1:1)	1:6	1:6	1:6	1:6
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	3.0	3.0	3.0	3.0
Distance from supporting structure (meters)	2.0	2.0	2.0	2.0
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	10	10	10	10
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	N/A	4	4	4
Unrestricted airflow (degrees)	360°	360°	360°	360°

Probe material for	N/A	N/A	N/A	N/A
reactive gases				
(e.g. Pyrex, stainless				
steel, Teflon)				
Residence time for	N/A	N/A	N/A	N/A
reactive gases				
(seconds)				
Will there be changes	No	No	No	No
within the next 18				
months? (Y/N)				
Is it suitable for	N/A	N/A	N/A	N/A
comparison against				
the annual PM2.5?				
(Y/N)				
Frequency of flow	Monthly	Monthly	Monthly	Monthly
rate verification for				
manual PM samplers				
Frequency of flow	N/A	N/A	N/A	N/A
rate verification for				
automated PM				
analyzers				
Frequency of one-	N/A	N/A	N/A	N/A
point QC check for				
gaseous instruments				
Last Annual	N/A	N/A	N/A	N/A
Performance				
Evaluation for				
gaseous parameters				
(MM/DD/YYYY)				
Last two semi-annual	07/22/2020	08/14/2020	08/14/2020	The semi-annual flow
flow rate audits for	12/16/2020	The first of two semi-	The first of two semi-	rate audits were not
PM monitors		annual flow rate	annual flow rate	completed due to
(MM/DD/YYYY,		audits were not	audits were not	COVID-19.
MM/DD/YYYY)		completed due to	completed due to	
		COVID-19.	COVID-19.	

Pollutant, POC	Metals, CR6, 5	Metals, CR6,	Polycyclic Aromatic	Polycyclic Aromatic
		Carbonyls, N/A	Hydrocarbons, 1	Hydrocarbons, 2
Primary / QA Collocated / Other	QA Collocated	Primary	N/A	QA Collocated
Parameter code	12115	N/A	17202	17202
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS
Site type(s)	Highest	Highest	Highest	Highest
Site type(s)	Concentration	Concentration	Concentration	Concentration
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation	NATTS	N/A	NATTS	NATTS
Instrument	RM Env. 924, B	RM Env. 924	Tisch Env. PUF, A	Tisch Env. PUF, B
manufacturer and model	Sampler		Sampler	Sampler
Method code	920	N/A	106	106
FRM/FEM/ARM/	Other	Other	Other	Other
other				
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Analytical Lab (i.e.,	South Coast AQMD	ARB Toxics	ERG North Carolina	ERG North Carolina
weigh lab, toxics lab,				
other)				
Reporting Agency	South Coast AQMD	ARB	ERG North Carolina	ERG North Carolina
Spatial scale (e.g.	Neighborhood	Neighborhood	Neighborhood	Neighborhood
micro, neighborhood)				
Monitoring start date (MM/DD/YYYY)	01/2007	01/1989	07/2007	07/2007
Current sampling frequency (e.g.1:3, continuous)	1:Every other month	1:12	1:6	1:Every other month
Calculated sampling	No CFR mandated	No CFR mandated	No CFR mandated	No CFR mandated
frequency (e.g. 1:3/1:1)	sampling schedule.	sampling schedule.	sampling schedule.	sampling schedule.
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	3	3	3	3
Distance from	2	2	2	2
supporting structure (meters)				
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A
Distance from obstructions not on	N/A	N/A	N/A	N/A
roof (meters)				
Distance from trees	N/A	N/A	N/A	N/A
(meters)	IN/A	1N/A	IN/A	IN/A
Distance to furnace or incinerator flue	N/A	N/A	N/A	N/A
(meters) Distance between	3	3	3	3
collocated monitors (meters)	3	3	3	3
Unrestricted airflow (degrees)	360°	360°	360°	360°

Probe material for reactive gases (e.g. Pyrex, stainless	N/A	N/A	N/A	N/A
steel, Teflon) Residence time for reactive gases (seconds)	N/A	N/A	N/A	N/A
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers	Monthly	N/A	Monthly	Monthly
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	N/A
Frequency of one- point QC check for gaseous instruments	N/A	N/A	N/A	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	The semi-annual flow rate audits were not completed due to COVID-19.	N/A	N/A	N/A

Pollutant, POC	Carbon Monoxide, 9	Sulfur Dioxide, 9	NOY, 9	WS & D, 1/1
Primary / QA	N/A	N/A	N/A	N/A
Collocated / Other				
Parameter code	42101	42401	42612	61101/61102
Basic monitoring	NAAQS	NAAQS	NAAQS	NAAQS
objective(s)				
Site type(s)	Population Exposure	Population Exposure	Population Exposure	Meteorological
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation	NCore	NCore	NCore	PAMS/NCORE
Instrument	Teledyne 300EU	Thermo 43i-TLE	Thermo 42i-Y	RM Young 05305V
manufacturer and				
model				
Method code	593	560	674	065/065
FRM/FEM/ARM/	FRM	FEM	N/A	N/A
other				
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Analytical Lab (i.e.,	N/A	N/A	N/A	N/A
weigh lab, toxics lab,				
other)				
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Spatial scale (e.g.	Neighborhood	Neighborhood	Urban	Neighborhood
micro, neighborhood)				
Monitoring start date	03/30/2010	08/03/2010	08/19/2010	09/1972
(MM/DD/YYYY)				
Current sampling	1:1	1:1	1:1	Continuous
frequency (e.g.1:3,				
continuous)				
Calculated sampling	N/A	N/A	N/A	1:1
frequency				
(e.g. 1:3/1:1)				
Sampling season	01/01/-12/31	01/01/-12/31	01/01/-12/31	01/01-12/31
(MM/DD-MM/DD)				
Probe height (meters)	4	4	10	10
Distance from	1.5	1.5	N/A	10
supporting structure	*Roof itself is	*Roof itself is		
(meters)	supporting structure.	supporting structure.		
Distance from	N/A	N/A	N/A	N/A
obstructions on roof				
(meters)	27/4	NY/ 1	NY/A	27/4
Distance from	N/A	N/A	N/A	N/A
obstructions not on				
roof (meters)	NT/A	NT/A	NT/A	10
Distance from trees	N/A	N/A	N/A	10
(meters)	NT/A	NI/A	NI/A	NI/A
Distance to furnace or	N/A	N/A	N/A	N/A
incinerator flue				
(meters)	NI/A	NI/A	NI/A	NI/A
Distance between	N/A	N/A	N/A	N/A
collocated monitors				
(meters) Unrestricted airflow	360°	360°	360°	360°
	300	300	300	300
(degrees)		1		1

Probe material for reactive gases	Teflon	Teflon	Teflon	N/A
(e.g. Pyrex, stainless steel, Teflon)				
Residence time for reactive gases (seconds)	8.9	17.1	< 20 Seconds	N/A
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	No	No	No	N/A
Frequency of flow rate verification for manual PM samplers	N/A	N/A	N/A	N/A
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	N/A
Frequency of one- point QC check for gaseous instruments	Weekly	Weekly	Weekly	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	12/17/2020	12/17/2020	12/17/2020	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	N/A	N/A	N/A

Pollutant, POC	RH/T, 1/1	BP, 1	SR, 1	UVR, 1
Primary / QA	N/A	N/A	N/A	N/A
Collocated / Other				
Parameter code	62201/62101	64101	63301	63302
Basic monitoring	NAAQS	NAAQS	NAAQS	NAAQS
objective(s)				
Site type(s)	Meteorological	Meteorological	Meteorological	Meteorological
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation	PAMS/NCORE	PAMS/NCORE	PAMS/NCORE	PAMS/NCORE
Instrument	Rotronic HC2-S3	Met One 091	Kipp & Zonen CMP6	Eppley TUVR
manufacturer and	Rodonie 1102 55	With one of t	Impp & Zonen en in o	Eppley 10 (II
model				
Method code	063/063	015	011	011
FRM/FEM/ARM/	N/A	N/A	N/A	N/A
other	IV/A	TV/A	IV/A	IV/A
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Analytical Lab (i.e.,	N/A	N/A	N/A	N/A
weigh lab, toxics lab,	IN/A	IN/A	IN/A	IN/A
other)				
,	Courth Count AOMD	Court Count AOMD	Careth Caret AOMD	Cauth Canat AOMD
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Spatial scale (e.g.	Neighborhood	Neighborhood	Neighborhood	Neighborhood
micro, neighborhood)	00/1072	00/1070	00/1070	00/1072
Monitoring start date	09/1972	09/1972	09/1972	09/1972
(MM/DD/YYYY)	a d	G :		a :
Current sampling	Continuous	Continuous	Continuous	Continuous
frequency (e.g.1:3,				
continuous)		1.1	1.1	1.1
Calculated sampling	1:1	1:1	1:1	1:1
frequency				
(e.g. 1:3/1:1)	04/04 40/04	04/04/49/04	04/04/40/04	04/04/49/04
Sampling season	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
(MM/DD-MM/DD)	0.0	1.0	2.0	0.6
Probe height (meters)	9.0	4.0	3.8	3.6
Distance from	9.0	1.6	1.4	1.2
supporting structure				
(meters)				
Distance from	N/A	N/A	N/A	N/A
obstructions on roof				
(meters)		1		
Distance from	N/A	N/A	N/A	N/A
obstructions not on				
roof (meters)				
Distance from trees	10	10	10	10
(meters)				
Distance to furnace or	N/A	N/A	N/A	N/A
incinerator flue				
(meters)				
Distance between	N/A	N/A	N/A	N/A
collocated monitors				
(meters)				
Unrestricted airflow	360°	360°	360°	360°
(degrees)				

Probe material for reactive gases (e.g. Pyrex, stainless	N/A	N/A	N/A	N/A
steel, Teflon) Residence time for	N/A	N/A	N/A	N/A
reactive gases (seconds)				
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers	N/A	N/A	N/A	N/A
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	N/A
Frequency of one- point QC check for gaseous instruments	N/A	N/A	N/A	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	N/A	N/A	N/A

Rubidoux Site Photos



Looking North from the probe.



Looking East from the probe.



Looking South from the probe.



Looking West from the probe.

Rubidoux Site Photos (Cont.)



Looking at the probe from the North.



Looking at the probe from the East.



Looking at the probe from the South.



Looking at the probe from the West.